

COURSE LEARNING OBJECTIVES

White Belt (1 CEU) 8 Total Hours

Introduction to Six Sigma
Introduction to Lean Principles
Voice of the Customer
Mapping the Process
Eight Wastes

Yellow Belt Plus (3 CEUs) 16 Total Hours

Managing the Project
SIPOC
Kaizen Event
Current State Value Stream Map (VSM)
Future State VSM
Cause and Effect Diagrams
Flow and Pull Systems
5S Methodology
Visual Management
Standard Work
Workplace Design and Layout
Controlling the Process

Our true Lean Six Sigma courses blend e-learning with personal training giving you the benefit of both approaches without compromising quality. Unlike many others, ours are complete courses, combining both continuous improvement approaches. Best of all, participants may receive Lean Six Sigma certification, an important national credential for their future success.

Green Belt Plus (4 CEUs) 40 Total Hours

Lean Six Sigma Fusion
What is Statistics?
Organizing and Presenting Data
Pareto Analysis, Process Based Costs
Introduction to Sigma XL, Scatter Diagrams
Measures of Central Tendency, Dispersion
Descriptive Statistics: Self-Assessment
Measurement Systems Analysis (MSA)
Introduction to Process Capability
Failure Mode and Effects Analysis (FMEA)
Selecting the Solution
Introduction to Design of Experiments (DOE)
Error Proofing, Control Charts
Total Productive Maintenance (TPM)

Black Belt Plus (8 CEUs) 80 Total Hours

Comparing ANOVA, Means
Confidence Interval for the Means
Continuous Probability Curves (Normal)
Design of Experiments (Basic/Full Factorial)
Hypothesis Testing for Non-Parametric Data
Hypothesis Tests for the Means
Inferential Statistics Self-Assessment
Introduction to Probability
Making Inferences About Proportions
Making Inferences About Variances
Managing Change
Multiple Regression
Project Management Introduction
Probability Distribution, Discrete
Random Variables

lean six sigma training.
the way you need it.
done right.

LEAN SIX SIGMA



LIVE INSTRUCTION

*In today's competitive climate,
the question isn't whether your
students and employees need
Lean Six Sigma training. It's only
a matter of when.*



Solomon EOS




PO Box 15782
637 Folsom Ave.
Wilmington, NC 28408
Phone: (800) 706-4061
www.solomoneos.com

LIVE INSTRUCTION

PROGRESSIVE MODEL
144 Total Hours



CERTIFICATION STEPS

-  Capstone Required
-  Two Capstones & One Project Required
-  Two Capstones & Two Projects Required

STANDARD MODEL

